This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problems Mailbox.



COPY OF PAPERS ORIGINALLY FILED

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

For: LOGARITH

元二年 逐渐知识对应人们

Group Art Unit: 2631

AUG 2 9 2002

Technology Center 2600

ASSENT OF ASSIGNEE TO CORRECTION AND/OR ADDITION TO ORIGINAL NAME INVENTOR(S)

Commissioner for Patents Washington, D.C. 20231

In Re Application of: 137 15

Raghu Challa, et al.

Filed: September 14, 2001

Serial No.: 09/954,760

SEP 0 9 2002

echnology/Genter 2100

Qualcomm, Incorporated. 5775 Morehouse Drive San Diego, California 92121

Assignment

Recorded on:

February 5, 2002

Assignee hereby assents to the correction of inventorship filed herewith.

Dated: August 20 2002 By:

Respectfully submitted,

George C. Pappas Attorney for Assignee Reg. No. 35,065

QUALCOMM Incorporated 5775 Morehouse Drive

San Diego, Ca 92121

Telephone: (619) 651-1404 Facsimile:

(619) 845-5075

FORM PTO-1619AB U.S. Department of Commerce COPY OF PAPER Patent and Trademark Office **ORIGINALLY FILED PATENT** RECORDATION FORM COVER SHEET **PATENTS ONLY** Attorney Docket No.: 010420 TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies). **Conveyance Type Submission Type** Assignment New Resubmission (Non-Recordation) Change of Name Document ID No. License AUG 2 7 2002 Correction of PTO Error Merger Reel No. Frame No. Security Agreement Corrective Document Other: Reel No. Frame No. Conveying Party(ies) Mark if additional names are attached **EXECUTION DATE** Month, Day, Year (MMDDYYYY) 05/01/2002 Raghu Challa 04/18/2002 Nagabhushana Sindhushayana 04/18/200 Arun Raghupathy SEP 0 9 2002 Receiving Party(ies) Mark if additional names are attached QUALCOMM Incorporated Technology Center 2100 A Delaware Corporation 5775 Morehouse Drive Address: San Diego, California, 92121-1714 Correspondence Name and Address QUALCOMM Incorporated (PTO Customer No. 23696) **Telephone Number: (858) 651-1179 Facsimile:** (858) 658-2502 Attn: Patent Department

5775 Morehouse Drive Address: San Diego, California 92121-1714 Address: Pages (Enter the total number of pages of the attached conveyance document including any attachments) Total number of pages: one Application Number(s) or Patent Number(s) If this document is being filed together with a new application, the execution date of the application is: Patent Application Number(s): Patent Number(s): 09/954,760 Number of Properties (Enter the total number of properties involved) Total number of properties: one Fee Amount for Properties Listed (37 CFR 3.41): \$40 Fee Amount Method of Payment: Enclosed Deposit Account (A duplicate of this sheet is enclosed for fee processing) Deposit Account Number: 17-0026

Authorization to charge additional fees:

☐ Yes ☐ No Statement and Signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true

copy of the original document. Charges to deposit account are authorized, as indicated herein.

8/20/02 Date: Name: George C. Pappas, Reg. No. 35,065

858-651-1306

Signature:

FOR OFFICE USE ONLY

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that we,

- 1. Raghu Challa, a citizen of India, having a place of residence at 11928 Tivoli Park Row, #2, San Diego, California 92128;
- 2. Nagabhushana Sindhushayana, a citizen of INDIA, having a place of residence at

7794 ROAN ROAD, SAN DIEGO, CA 92129; and
3. Arun Raghupathy, a citizen of India, having a place of residence at 10667 Camin to Musica, Son Diego, Ca 92126

have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to a LOGARITHMIC LOOKUP TABLES by me co-devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on September 14, 2001, and assigned Serial No. 09/954,760, and all original and reissue patents granted thereof, and all divisions, and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that I have full right to do so, and agree that I will communicate to said corporation or its representatives all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and

enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Raghu Challa

Done at San Diego, California this 18 day of APRIL, 2002.

Nagabhushana Sindhushayana

Done at San Diego, California this 18 TH day of APRIL, 2002.	
ArunR	
Arun Raghupathy	